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Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-05-29
Investment Auto Submission Date: 2012-02-29
Date of Last Investment Detail Update: 2012-02-29
Date of Last Exhibit 300A Update: 2012-08-21
Date of Last Revision: 2012-08-21

Agency: 024 - Department of Homeland Security   **Bureau:** 60 - United States Coast Guard

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: USCG - CG Business Intelligence (CGBI)

2. Unique Investment Identifier (UII): 024-000006077

Section B: Investment Detail

1. **Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

   Coast Guard Business Intelligence (CGBI) is a Business Intelligence (BI) system designed to reduce organizational uncertainty and risk in decision making. It is a performance management system that supports all Coast Guard mission programs and mission support functions. CGBI enables monitoring the Readiness and Capabilities status of the Coast Guard by leveraging over forty existing data sources to reuse existing data and thereby reduce data collection. CGBI consists of an Oracle database layer, IBM Cognos 8 BI suite, and custom Data Visualization, Predictive Analytics and Reporting tools. CGBI access is via Intranet or CAC VPN only. Active Directory authentication allows for personalized content and high security. CGBI products include data cubes, reports, dashboards, scorecards, data views for analysts, and data sharing services to other systems. CGBI uses standardized performance measures, repeatable processes, and effective BI tools to improve efficiency and effectiveness. CGBI?s goal is to "Provide the right information at the right time, to the right people to support operational, tactical and strategic reporting and analysis needs across the Coast Guard.? CGBI closes an identified organizational performance gap by enabling measurement of activities against standards of performance, outcomes and effort to improve organizational efficiency and effectiveness. The core of CGBI is the Measures Repository. Standardized measures are reutilized in reports, cubes and portals so that all users get the same answer consistently. Attachment ?CGBI Measures by PRM report 8092011.xlsx? in

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IMS illustrates how these measures directly support the mission delivery and management support areas of the PRM, along with other functional areas in the Coast Guard. Primary beneficiaries of the CGBI system are leadership, managers and individual personnel. Individuals may access CGBI for personal readiness, training, education, promotion and competencies (readiness). Managers access CGBI to plan, validate and correct mission and line of business activities across units or lines of business. Leadership access CGBI to monitor, assess and correct progress of strategic initiatives. See attachment ?CGBI usage 8092011.xlsx? in IMS which illustrates the usage patterns within the USCG organization in FY11. CGBI supported 6.2 million user access ?hits? from all areas of the Coast Guard in FY2011.CGBI is accessed by over 77,000 employees, contractors and Auxiliary members.

2. **How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

 CGBI as the enterprise Business Intelligence system closes the gap in the mission delivery and management support areas not otherwise available by providing analysis capabilities and performance reporting capabilities not found in our transactional, source data systems. The unique capabilities of CGBI allows leadership, managers and personnel to assess, validate and correct effort, activities and resource use daily if needed, to ensure operations are effective and efficient. Performance metrics are maintained in CGBI to measure performance against established standards. CGBI utilizes data from over forty authoritative systems and is used to monitor core mission, business support and mission support lines of business. Insufficient funding would also severely impact established management and performance reporting processes across the Coast Guard in the Prevention and Response areas, as CGBI has been integrated into processes across all lines of business in the Coast Guard. Failure to fully fund the CGBI project would have severe support and operational repercussions as offices supporting 16 of the 20 functional areas of the USCG Business Reference Model directly utilize CGBI capabilities. All Operational areas also directly or indirectly utilize the system for reporting and analysis. Failure to fully fund CGBI would cause severe degradation in the Coast Guard's ability to effectively carry out many support operations, planning and corrective actions or to manage resources effectively. Insufficient funding would further lead to the creation or implementation of redundant, costly, inefficient and "stove-piped" Business Intelligence systems to fill the gap.

3. **Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

 New functionality inlcudes the "build your own Scorecard" tool based on the USCG strategic direction and the Balanced Scorecard Methodology. Users are able to build a customized Scorecard using hundreds of standard measures arranged in six perspectives; Mission Outcomes, Processes, Resources, Workforce, Leadership and Customer. Each Scorecard has built-in data visualizations and links allowing further graphing of the data and linkage to other relevant content within the CGBI system. The Scorecard may be created, modified, saved and then shared via HTML links. Each time the scorecard is opened it is refreshed with data from CGBI's Enterprise Data Warehouse (EDW). At the time of this submission, there are over 549 unique Scorecards built and in active use across the Coast Guard utilizing this functionality. This has reduced the number of non-standard measurement tools in use,

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leading to greater efficiency, uniformity of data, and higher user satisfaction.

4. **Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

  CY and BY planned accomplishments include the addition of a Dashboarding capability tied to Strategic Initiatives and existing measures in the CGBI system, minor revisions to the "build your own" Scorecard" tool, Revision of the Enterprise View and Executive Tabs on the main CGBI screen with new measures and data visualizations, automating the CGBI self-audit for disused products and reports, mapping all measures to the FEA BRM, Revising the Organizational Chart Viewer (based on approved unit structure), Data Quality Reporting (measures and reports), automation of CGBI training through increased use of computer-based training (CBTs) and tracking, and Mobile applications. This listing does not include O&M issues such as software patches, server upgrades, etc., but those projects passed to the CCB and approved as having value to specific USCG programs, lines of business, units, or the entire USCG as providing improvement to specific outcomes and improving operational efficiency through actionable reporting and BI feedback. Operational efficiency is directly improved via CGBI products such as the Operational Planning Assessment Report (OPAR) as part of the Standard Planning Direction (SPD). In brief, the SPD provides general guidance from HQ to the field on how to deploy/operationalize assets to meet the coming FY12 needs. The OPAR provides the operational reporting needed back up the chain of command to answer as to how well we are meeting those goals and to make necessary adjustments. As adjustments are made (such as more boat SAR hours in District 5, less cutter LMR hours in District 1) the relevant metrics and targets in CGBI are updated to reflect the ongoing assessments of performance influencing effectiveness and efficiency ini the CGBI products.

5.   **Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2011-08-08

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Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding				
	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	$1.4	$0.0	$0.0	$0.0
DME (Excluding Planning) Costs:	$11.8	$0.0	$0.0	$0.0
DME (Including Planning) Govt. FTEs:	$0.0	$0.0	$0.0	$0.0
Sub-Total DME (Including Govt. FTE):	$13.2	0	0	0
O & M Costs:	$27.5	$5.5	$5.5	$5.5
O & M Govt. FTEs:	$9.7	$0.8	$0.8	$0.8
Sub-Total O & M Costs (Including Govt. FTE):	$37.2	$6.3	$6.3	$6.3
Total Cost (Including Govt. FTE):	$50.4	$6.3	$6.3	$6.3
Total Govt. FTE costs:	$9.7	$0.8	$0.8	$0.8
# of FTE rep by costs:	42	6	6	6

Total change from prior year final President's Budget ($)		$0.0	$0.0	
Total change from prior year final President's Budget (%)		0.00%	0.00%	

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2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

N/A.

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Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value ($M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	7008	HSCGG305FTWV436	GS09F0047Z	4730							
Awarded	7008	HSCGG310JPWV229	HSCGG310DPWV500	7008							
Awarded	7008	HSCGG311JPWV041	HSCGG311DPWV888	7008							

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

EVM is required under the contract. Note that the total contract value represents all work performed at OSC under the 5-year Systems Engineering and Technical Services II task order. The strategy of a five-year task order is addressed in the approved acquisition plan. The current task order supports all systems hosted at the EVM is required under all vehicles. Note that the total contract value for each vehicle represents all work performed in support of all systems hosted at the USCG Operations Systems Center. The DHS approved acquisition strategy for APLES and CTS replaces one support services task order (SETS) with two IDIQ contracts. CGBI funds a specific sub CLIN under APLES, and also funds an allocated portion of OSC infrastructure costs. The new Acquisition Plan is in alignment with DHS and CG Acquisition guidance. Note- IDV GS09F0047Z has expired and no longer used.

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Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-05-29

Section B: Project Execution Data

Table II.B.1 Projects					
Project ID	**Project Name**	**Project Description**	**Project Start Date**	**Project Completion Date**	**Project Lifecycle Cost ($M)**
11001	CGBI 3.0	This is a study to capture requirements for the next iteration of CGBI's interface with a focus on senior leadership needs. Projected lifecycle cost includes percentages of estimated time for study utilizing eight FTEs (contract, MIL, CIV) over this time period.			
11002	Cognos 10 upgrade	This is a version upgrade of the primary CGBI software suite from Version 8 to Version 10. Preliminary introduction to the features of the new version have begun with IBM to identify SWOTs. Actual implementation is not scheduled to begin until after current initiatives are completed.			
11003	Predictive Analytics Capability	Add predictive Analytics capability to CGBI using Cognos SPSS.			
11004	Data Quality capability	Add tools to measure data quality.			

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Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities ($M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance ($M)	Cost Variance (%)	Total Planned Cost ($M)	Count of Activities
11001	CGBI 3.0							
11002	Cognos 10 upgrade							
11003	Predictive Analytics Capability							
11004	Data Quality capability							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
				NONE				

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Section C: Operational Data

Table II.C.1 Performance Metrics								
Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Increase sharing of data between CGBI and other systems. This measure will be changed to amount of actual data transferred when that measure becomes available (throughput). this is currently a count of # of external data systems we share data with. Intent is to implement this measure using actual data volumes, when available.	Number	Customer Results - Customer Benefit	Over target	26.000000	30.000000	43.000000	46.000000	Semi-Annual
Increase size of usable data in data warehouse over 2009 baseline. Gigabytes of data.	Percent	Technology - Information and Data	Over target	32.900000	200.000000	609.300000	600.000000	Monthly
Percent SCRs rolled to total help desk tickets closed. This is measure of Rework to New Work in a complex system. Annual target is 10% or greater for improvements/new capability/capacity.	Percent	Process and Activities - Productivity	Over target	11.490000	10.000000	11.490000	10.000000	Monthly
Number of distinct cube or report users of CGBI system. Measure of number of distinct users of the	Number	Mission and Business Results - Support Delivery of Services	Over target	14983.000000	18000.000000	28012.000000	25000.000000	Quarterly

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Table II.C.1 Performance Metrics								
Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
system. As training, service coverage and capabilities improve, this number is expected to increase but can be effected by operational tempo and other factors.								
Increase number of personnel trained on system usage over 2009 baseline. data is from CGBI Training Roster cube.	Number	Customer Results - Customer Benefit	Over target	464.000000	600.000000	1167.000000	600.000000	Monthly
DMZ availability measured as percent uptime. Data from CGBI Metrics Report.	Percent	Technology - Reliability and Availability	Over target	99.000000	99.000000	99.920000	99.000000	Monthly
CGBI availability measured as percent uptime. Data from CGBI Metrics Report	Percent	Technology - Reliability and Availability	Over target	99.000000	99.000000	99.670000	99.000000	Monthly
Customer Survey - Ease of Use -percent users responding "neutral" to "very easy". This is a measure of overall CGBI satisfaction.	Percent	Customer Results - Customer Benefit	Over target	70.870000	70.000000	77.500000	75.000000	Semi-Annual
Customer Survey - Overall Satisfaction - Recommend or Highly Recommend	Percent	Customer Results - Customer Benefit	Over target	68.000000	70.000000	66.600000	72.000000	Quarterly